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THE FLORA

OF

RENSSELAER COUNTY, NEW YORK.

A RECORD

OF THE

PHENOGAMS AND VASCULAR CRYPTOGAMS GROWING IN SAID DISTRICT, INDEPENDENT OF CULTIVATION.

BY

HERMON C. GORDINIER, M. D.,

AND

ELLIOT C. HOWE, M. D.

TROY, N. Y.:
PUBLISHED BY H. B. NIMS AND COMPANY.
1894.

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PRESS OF JOHN W. GEMMILL,
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PRELIMINARY.

In 1819 the Troy Lyceum appointed Prof. Amos Eaton and Dr. George Marvin a committee to make a list of the wild plants growing in Troy and its vicinity. This list comprises 774 species. But the MS. was mislaid for several years and never published.

In 1836 John Wright, M. D., and James Hall, A. M., (the present State Geologist,) published a "Catalogue of the wild plants growing within a Circuit of ten miles about Troy." In this are 940 species; about 600 being credited to this county, of which however, but a fractional part is represented.

In the present publication—The Flora of Rensselaer County—1345 species and varieties are recorded—the result of a careful canvass of the entire district.

Among the "rarities" are a number that have come to us from southern latitudes, several from the distant west and a few from foreign shores. As the geographical range of species is determined with unquestionable exactness by local Floras, it is of the utmost importance to the practical botanist that these should multiply. It is therefore hoped that this publication will stimulate others, especially young botanists, to publish the result of their labors.

In rural districts at the present day botany is becoming a favorite study with the young people. To such the local Flora is the normal companion of the descriptive manual.

The compilers have to acknowledge the kindly assistance of Prof. Charles H. Peck, State Botanist; of Rev. J. H. Wibbe, of Schenectady, and of Prof. Puissant, of Troy.

The species not specified as "rare" or "infrequent" are believed to be common to nearly all parts of the county.

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FLORA.

RANUNCULACEÆ.

Clematis verticillaris, DC. Cliffs near Quackenkill, Dr. H. C. Gordinier; Dr. N. H. Camp. Oakwood, Prof. P. A. Puissant. Rare.

Virginiana, L.

Anemone cylindrica, Gr. Lansing's Grove, Lansingburgh, Dr. Gordinier. Schaghticoke, Prof. Puissant. Infrequent.

Virginiana, L.

Pennsylvanica, L.

nemorosa, L. WIND-FLOWER.

Hepatica, L. LIVER-LEAF.

acutiloba, Law. Hoosick, Tomhannock and elsewhere.

Anemonella thalictroides, Spach.

Thalictrum dioicum, L.

purpurascens, L.

polygamum, Muhl.

Ranunculus circinatus, Sibth. Brunswick, Dr. E. C. Howe. Rare.

aquatilis, L., var. **tricophyllus,** Gr. Creek outlet of Glass-House Lake, Sandlake, Dr. Gordinier, Prof. C. H. Peck. Rare.

multifidus, Pursh.

laxicaulis, Darby.

flammula, L., var. **reptans,** Meyer.

abortivus, L.

sceleratus, L.

recurvatus, L.

fascicularis, Muhl.

septentrionalis, Poir. Nassau, Rev. J. H. Wibbe. Rare.

repens, L. Pittstown and elsewhere. Infrequent.

Pennsylvanicus, L.

bulbosus, L.

acris, L. BUTTER-CUP.

Caltha palustris, L.

Coptis trifolia, Salisb.

Aquilegia vulgaris, L. GARDEN-SCAPE.

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Canadensis, L.
Delphinium consolida, L. Gard. sc.
Cimicifuga racemosa, Nutt. Schodack, J. H. Wibbe. Glen-ave. ravine, Howe. Infrequent.
Actea spicata, L. var. **rubra,** Ait.
alba, Bigel.
Hydrastis canadensis, L. Brunswick, Howe. Scarce.

MAGNOLIACEÆ.

Liriodendron Tulipifera, L.

MENISPERMACEÆ.

Menispermum Canadense, L.

BERBERIDACEÆ.

Berberis, vulgaris, L.
Caulophyllum thalictroides, Mx.
Podophyllum peltatum, L.

NYMPHACEÆ.

Brasenia peltata, Ph. Malden Bridge, Stephentown, Wibbe. Rare.
Nymphæa odorata, Ait.
Nuphar advena, Ait. f.
Kalmianum, Ait. Schaghticoke, Gordinier. Rare.

SARRACENIACEÆ.

Sarracenia purpurea, L. N. Stephentown, Puissant. Brunswick. Howe. Infrequent.

PAPAVERACEÆ.

Sanguinaria Canadensis, L.
Chelidonium majus, L.
Papaver somniferum, L. Gard. sc.

FUMARIACEÆ.

Adlumia cirrhosa, Raf. E. Schodack, Wibbe. Infrequent.
Dicentra cucullaria, DC.
Canadensis, DC.
Corydalis glauca, Ph.
aurea, Willd.
Fumaria officinalis, L.

CRUCIFERÆ.

Dentaria diphylla, L.
laciniata, Muhl.
Cardamine rhomboidea, DC.
hirsuta, L.
pratensis, L.

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Arabis hirsuta, Scop.
Canadensis, L.
perfoliata, Lam.
lyrata, L.
laevigata, Poir.
confinis, Wats.
Alyssum maritimum, L. G. s.
Lunaria biennis, Moench. G. s.
Nasturtium officinale, R. Br.
obtusum, Nutt.
palustre, DC.
lacustre, Gr.
Armoracia, Fr.
Barbarea vulgaris, R. Br.
Erysimum Cheiranthoides, L.
Sisymbrium officinale, Scop.
Thaliana, Gaud.
Brassica Sinapistrum, Boiss.
oleracea, L. CABBAGE.
alba, Gr. MUSTARD.
nigra, Koch. "
campestris, L. RUTABAGA. Cult. sc.
rapa, L. TURNIP. Cult. sc.
Capsella Bursa-pastoris, Moench.
Lepidium Virginicum, L. PEPPER-GRASS.
campestre, Br.
ruderale, L. Lansingburgh. Infrequent.
Raphanus Raphanistrum, L. RADISH.

CAPPARIDACEÆ.

Polanisia graveolens, Raf.

CISTACEÆ.

Helianthemum Canadense, Mx.
Lechea major, Mx.
minor, L.

VIOLACEÆ.

Viola palmata, L.
var. **cucullata.** Gr.
var. **cordata,** Gr. N. Greenbush, Peck. Infrequent
sagittata, Ait.
rotundifolia, Mx.
blanda, Willd.
pubescens, Ait.
var. **scabriuscula,** T. & G. N. Greenbush, C. H. P. Scarce.
canadensis, L.
rostrata, Ph.
canina, L., var. **Muhlenbergii,** Gr.

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CARYOPHYLLACEÆ.

Dianthus armeria, L.
barbatus, L.
deltoides, L. Schodack, Wibbe. Rare.
Saponaria officinalis, L.
Gypsophila muralis, L. W. Nassau, Wibbe. Very rare.
Silene antirrhina, L.
noctiflora, L.
cucubalus, Wibel.
Armeria, L. G. s.
Lychnis Githago, Lam.
Coronaria L. MULLEIN-PINK. G. s.
vespertina, Sibth.
diurna, Sibth.
Arenaria serpyllifolia, L.
lateriflora, L.
Michauxii, Hook.
Stellaria media, Smith.
longifolia, Muhl.
longipes, Gold. Brunswick-road. E. C. H.
borealis, Bigel.
graminea, L. Sandlake, Peck. Infrequent.
uliginosa, Murr. Poestenkill, Howe.
Cerastium viscosum, L.
vulgatum, L.
arvense. L.
nutans, Raf. Dr. Gordinier. Schodack, J. H. Wibbe, Rare.
Sagina procumbens, L.
Spergula arvensis, L.

PORTULACACEÆ.

Portulaca oleracea, L.
Claytonia Virginica, L.
Caroliniana, Mx.

ELATINACEÆ.

Elatine Americana, Arn. Bowman's Pond, Sandlake, Peck. Out-let of Lake, Averill Park, Wibbe. Rare.

HYPERICACEÆ.

Hypericum Ascyron, L. Bull's Head, Wibbe. Rare.
ellipticum, Hook.
perforatum, L.
maculatum, Walt.
mutilum, L.
Canadense, L.
var. **majus,** Gr. Bowman's Pond, Peck. Infrequent.

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nudicaule, Walt. Brunswick, H. Infrequent.
Elodes campanulata, Ph.

MALVACEÆ.

Malva rotundifolia, L.
sylvestris, L.
crispa, L. Petersburgh, Peck. Infrequent.
moschata, L.
Sida spinosa, L.
Abutilon Avicennæ, Gaert.
Hibiscus Trionum, L.

TILIACEÆ.

Tilia Americana, L. BASSWOOD.

LINACEÆ

Linum Virginianum, L.
usitatissimum, L. COMMON FLAX.

GERANIACEÆ.

Geranium maculatum, L.
Robertianum, L.
Carolinianum, L.
Flœrkea proserpinacoides, Willd.
Oxalis Acetosella, L.
violacea, L. Brunswick, Puissant. Infrequent.
corniculata, L.
var. **stricta,** Sav.
Impatiens pallida, Nutt.
fulva, Nutt.

RUTACEÆ.

Xanthoxylum Americanum, Mill.
Ptelea trifoliata, L. S. part of county. Dr. Gordinier. Very rare.
Ailanthus glandulosus, Desf. TREE-OF-HEAVEN.

ILICINEÆ.

Ilex verticillata, Gr.
lævigata, Gr. The Alps, Wibbe. Rare.
Nemopanthes fascicularis, Raf. Sandlake, Prof. Peck. Very rare.

CELASTRACEÆ.

Celastrus scandens, L.
Euonymus atropurpureus, Jacq. Parks and gardens.
Americanus, L. Cult.
var. **obovatus,** T. & G. Cult.

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RHAMNACEÆ.

Rhamnus alnifolia, L'Her.
cathartica, L. Nassau, Wibbe.
Ceanothus Americanus, L.

VITACEÆ.

Vitis Labrusca, L. FOX GRAPE.
æstivalis, Mx.
cordifolia, Mx.
riparia, Mx.
Ampelopsis quinquefolia, Mx. NORTHERN WOODBINE.

SAPINDACEÆ.

Æsculus Hippocastanum, L. HORSE-CHESTNUT.
Acer Pennsylvanicum, L.
spicatum, Lam.
saccharinum, Wang. SUGAR-MAPLE.
var. **nigrum,** T. & G.
dasycarpum. Ehrh.
rubrum, L.
Negundo aceroides, Moench. Dr. John Wright, 1836. Probably very scarce.
Staphylea trifolia, L.

ANACARDIACEÆ.

Rhus typhina, L. SUMACH.
glabra, L.
copallina, L.
venenata, DC. Albia, Prof. Puissant. POISON S.
toxicodendron, L. POISON IVY.
Canadensis, Marsh.

POLYGALACEÆ.

Polygala paucifolia, Willd.
polygama, Walt.
Senega, L.
verticillata, L.
var. **ambigua,** Wats. & Coult.
sanguinea, L.

LEGUMINOSÆ.

Baptisia tinctoria, R. Br.
Lupinus perennis, L.
Trifolium arvense, L.
pratense, L. RED CLOVER.
repens, L. WHITE CLOVER
hybridum, L. ALSIKE.
agrarium, L.

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Melilotus officinalis, Willd. SWEET CLOVER.
alba, Lam.
Medicago lupulina, L.
Amorpha fruticosa, L. Greenbush, Prof. Peck. Rare.
Robinia Pseudacacia, L.
viscosa, Vent. Poestenkill and elsewhere, H.
Coronilla varia, L. Schodack, J. H. Wibbe. New to the State.
Desmodium nudiflorum, DC.
acuminatum, DC.
ciliare, DC.
cuspidatum, T. & G.
Dillenii, Darl.
paniculatum, DC.
Marilandicum, Btt.
Canadense, DC.
Lespedeza procumbens, Mx.
violacea, Pers.
reticulata, Pers. Poestenkill and Brunswick, H.
Polystachya, Mx.
capitata, Mx.
Steuvei, Nutt. Poestenkill, Lansingburgh, Howe.
Vicia sativa, L. Vetch.
tetrasperma, L.
cracca, L. Brunswick, E. C. Howe.
Apios tubersoa, Moench.
Amphicarpea monoica, Nutt.
Cassia Marilandica, L.
nictitans, L. North Greenbush, Peck; Lansingburgh, Prof. Puissant.
Gleditschia triacanthos, L.

ROSACEÆ.

Prunus Americana, Marsh. PLUM.
pumila, L.
Pennsylvanica, L. f.
spinosa, L.
Cerasus, L. Cult. sc.
Virginiana, L. CHOKE-CHERRY.
Serotina, Ehrh. WILD BLACK C.
Spiræa Salicifolia, L.
tomentosa, L.
Physocarpus opulifolius, Maxim.
Rubus odoratus, L.
triflorus, Richard.
strigosus, Mx. RED RASPBERRY.
occidentalis, L. BLACK R.
neglectus, Peck. THIMBLE-BERRY. Cult. RASPBERRY.

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villosus, Alt. BLACKBERRY.
var. **humifusus,** T. & G. TRAILING B.
Canadensis, L.
hispidus, L.
Dalibarda repens, L.
Geum album, Gml.
Virginianum, L.
strictum, Ait.
rivale, L.
Waldsteinia fragarioides, Tratt.
Fragaria Virginiana, Mill. STRAWBERRY.
vesca, L. WOOD S.
Potentilla arguta, Ph.
Norvegica, L.
argentea, L.
fruticosa, L.
Anserina, L.
Canadensis, L.
var. **simplex,** T. & G.
Agrimonia Eupatoria, L.
Rosa setigera, Mx. Cult. sc.
blanda, Ait.
Carolina, L.
lucida, Ehrh.
nitida, Willd.
cinnamomea, L. G. sc.
rubiginosa, L.
Pyrus coronarius, L. CRAB-APPLE.
Malus, L. COMMON APPLE.
arbutifolia, L.
communis, L. PEAR.
Americana, DC. MT.-ASH.
Cratægus oxycantha, L. HAWTHORN.
coccinea, L.
tomentosa, L.
Crus-Galli, L.
Amelanchier Canadensis, T. & G. SHAD-BUSH.
var. **oblongifolia,** T. & G.

SAXIFRAGACEÆ.

Saxifraga Virginiensis, Mx.
Pennsylvanica, L.
Tiarella cordifolia, L.
Mitella, diphylla, L.
nuda, L. Sandlake, Dr. Gordinier. Rare.
Heuchera Americana, L.
Chrysosplenium Americanum, Schw.

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Parnassia Caroliniana, Mx. Schaghticoke, near Hoosic river, Dr. Gordinier. Very rare.
Ribes oxycanthoides, L. SMOOTH GOOSEBERRY.
lacustre, Poir.
prostratum, L'Her.
rubrum, var. **glandulosum,** Max. RED CURRANT.
aureum, Ph. Gard. sc.

CRASSULACEÆ.

Penthorum sedoides, L.
Sedum, ternatum, Mx. Near Miller's Corners. Wibbe.
acre, L. Petersburg, Peck.
Telephium. L. LIVE-FOR-EVER.

DROSERACEÆ

Drosera rotundifolia, L.
intermedia, Hay., var. **Americana,** DC. Moul's Lake, Gordinier. Sand Lake, Peck. Rare.

HAMAMELIDEÆ.

Hamamelis Virginiana, L. WITCH-HAZEL.

HALORAGEÆ.

Myriophyllum spicatum, L.
verticillatum, L.
tenellum, Bigel. Hack's Pond, E. Poestenkill, Wibbe. Rare
Proserpinaca palustris, L.
Callitriche verna, L.

MELASTOMACEÆ.

Rhexia Virginica, L. ?

LYTHRACEÆ.

Decodon verticillatus, Ell.
Cuphea viscosissima, Jacq. Wynantskill, Dr. Howe.

ONAGRACEÆ.

Ludwigia alternifolia, L.
palustris, Ell.
Epilobium angustifolium, L.
hirsutum, L. N. Greenbush, G. W. Clinton, Dr. Gordinier. Very rare.
lineare, Muhl.
strictum, Muhl.
coloratum, Muhl.
adenocaulon, Haussk.
glandulosum, Lehm.
palustre, L.
Œnothera biennis, L. EVENING PRIMROSE.

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var. **grandiflora,** Ait.
var. **parviflora,** T. & G.
var. **cruciata,** T. & G.
pumila, L.
var. **chrysantha.** Fls. orange-yellow, pods scarcely winged. Poestenkill, Howe. Rare.
Gaura biennis, L. Dr. John Wright. 1836.
Circæa Lutetiana, L.
alpina, L.

CUCURBITACEÆ.

Sicyos angulatus, L.
Echinocystis lobata, T. & G.

FICOIDEÆ.

Mollugo verticillata, L.

UMBELLIFERÆ.

Daucus carota, L. CARROT.
Angelica atropurpurea, L.
Conioselinum Canadense, T. & G.
Heracleum lanatum, Mx.
Pastinaca sativa, L. PARSNIP.
Thaspium aureum, Nutt.
Æthusa cynapium, L. Brunswick, H. Infrequent.
Pimpinella integerrima, Benth. & Hook. Troy, Prof. Puissant. Rare.
Cryptotænia Canadensis, DC.
Bupleurum rotundifolium, L. ?
Sium cicutæfolium, Gml.
Berula augustifolia, Koch.
Zizia aurea, Koch.
cordata, DC.
Carum Carui, L. CARAWAY.
Petroselinum, Benth. Gard. sc.
Cicuta maculata, L.
bulbifera, L.
Conium maculatum, L.
Osmorrhiza brevistylis, DC.
longistylis, DC.
Hydrocotyle Americana, L.
Sanicula Marilandica, L.
Canadensis, L.

ARALIACEÆ.

Aralia racemosa, L.
nudicaulis, Willd.
hispida, Vent,

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quinquefolia, Dec. & Planch. Poestenkill, Dr. Gordinier. Rare.
trifolia, Dec. & Planch.

CORNACEÆ

Cornus Canadensis, L.
florida, L.
circinata, L'Her.
sericea, L.
stolonifera, Mx.
paniculata, L'Her.
alternifolia, L. f.
Nyssa sylvatica, Marsh. PEPPERIDGE. Field east of Eighth and Federal streets, Troy, Gordinier. Nassau, Wibbe. Rare.

CAPRIFOLIACEÆ.

Sambucus Canadensis, L. ELDER.
racemosa, L.
Viburnum lantanoides, Mx.
Opulus, L. HIGH CRANBERRY.
pauciflorum, Pyl.
acerifolium, L.
pubescens, Ph.
dentatum, L.
Lentago, L.
prunifolium, L.
cassinoides, L. Sandlake, Peck.
Triosteum perfoliatum, L.
Linnæa borealis, Gronov. *Commemorates the immortal Linnæus.*
Symphoricarpus racemosus, Mx.
Lonicera ciliata, Muhl.
hirsuta, Eaton.
glauca, Hill.
sempervirens, Ait. Bald-Mt., Peck. Rare.
Diervilla trifida, Moench.

RUBIACEÆ.

Houstonia cærulea, L.
purpurea, L, var. **longifolia,** Gr.
Cephalanthus occidentalis, L.
Mitchella repens, L.
Galium Aparine, L.
pilosum, Ait.
circæzans, Mx.
lanceolatum, Torr.
boreale, L.
trifidum, L.
asprellum, Mx.
triflorum, Mx.

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VALERIANACEÆ.

Valeriana officinalis, L. Gard. sc.
Valerianella radiata, Dufr. Wynantskill, Dr. Gordinier. Rare.
Woodsiana, Walp. var. **umbilicata,** Gr.
var. **patellaria,** Gr. Both vars. on an Island near Schodack, Dr. Howe. Local.

DIPSACEÆ.

Dipsacus sylvestris, Mill.
fullonum, L.

COMPOSITÆ.

Eupatorium purpurascens, L.
sessilifolium, L.
perfoliatum, L.
ageratoides, L.
Solidago squarrosa, Muhl.
cæsia, L.
latifolia, L.
bicolor, L.
var. **concolor,** T. & G.
uliginosa, Nutt.
speciosa, Nutt. Copse E. of Burdett-ave., Troy. Howe and Gordinier.
odora, Ait.
patula, Ait.
rugosa, Mill.
ulmifolia, Muhl.
arguta, Ait.
juncea, Ait.
serotina, Ait.
var. **gigantea,** Gr.
Canadensis, L.
nemoralis, Ait.
lanceolata, L.
Sericocarpus conyzoides, Nees.
Aster corymbosus, Ait.
macrophyllus, L.
Novæ-Angliæ, L.
patens, Ait.
var. **phlogifolius,** Nees.
undulatus, L.
var. **sylvestris,** Howe, has narrowly oblong, smooth leaves above. Woods.
cordifolius, L.
sagittifolius, Willd.
lævis, L.
var. **lævigatus,** Gr.
var. **cyaneus,** Gr.

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ericoides, L.
multiflorus, Ait.
dumosus, L.
amethystinus, Nutt. ? Green Island, Wibbe; Prof. Puissant. Rare.
vimineus, Lam.
diffusus, Ait.
var. **hirsuticaulis,** Gr.
var. **variifolius,** Peck. Sandlake, Peck. Infrequent.
Tradescanti, L.
paniculatus, Lam.
salicifolius, Ait.
Aster Novi-Belgii, L.
puniceus, L.
var. **lævicaulis,** Gr.
umbellatus, Mill.
infirmus, Mx.
linariifolius, L.
ptarmicoides, T. & G. Rocky bank of Hoosic river, Dr. Gordinier. Very rare.
acuminatus, Mx.
Erigeron Canadensis, L.
annuus, Pers.
strigosus, Muhl.
var. **discoideus,** Rob. Grafton, Peck. Infrequent.
bellidifolius, Muhl.
Philadelphicus, L.
Antennaria plantaginifolia, Hook.
Anaphalis margaritacea, Benth. & Hook.
Gnaphalium polycephalum, Mx.
decurrens, Ives.
uliginosum, L.
Inula Helenium, L. ELECAMPANE.
Ambrosia trifida, L.
artemisiæfolia, L. RAGWEED.
Xanthium spinosum, L.
strumarium, L.
Canadense, Mill.
var. **echinatum,** Gr.
Heliopsis lævis, L.
Rudbeckia laciniata, L.
triloba, L. Schodack Depot, Wibbe. Very rare.
hirta, L.
Helianthus annuus, L. SUNFLOWER.
giganteus, L.
divaricatus, L.
strumosus, L.
decapetalus, L.

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tuberosus, L. ARTICHOKE.
Coreopsis verticillata, L.
Bidens frondosa, L.
connata, Muhl.
cernua, L.
chrysanthemoides, Mx.
Beckii Torr, Grafton ponds and elsewhere. Rare.
bipinnata, L.
Helenium autumnale, L.
Anthemis cotula, DC.
arvensis L. CHAMOMILE. Brunswick road, Howe; Lansingburgh, Puissant. Rare.
Achillea Millefolium, L. YARROW.
Chrysanthemum Leucanthemum, L. OX-EYE DAISY.
parthenium, Pers.
Tanacetum vulgare, L.
var. **crispum,** Gr. E. Schodack, Wibbe. Rare.
Artemisia vulgaris, L.
biennis, Willd.
Absinthium, L. WORMWOOD.
Abrotanum, L.
Tussilago Farfara, L.
Petasites palmata, Gr. Sphagnous swamp, Sandlake, Gordinier. Rare.
Senecio vulgaris, L.
aureus, L.
var. **Balsamitæ,** T. & G.
Erechtites hieracifolia, Raf.
Arctium Lappa, L. BURDOCK.
Cnicus lanceolatus, Hff. THISTLE.
altissimus, Willd.
var. **discolor,** Gr.
muticus, Ph.
arvensis, Hff. CANADA THISTLE.
Onopordon Acanthium, L.
Centaurea Cyanus, L.
Benedicta, L.
Lampsana communis, L.
Krigia Virginica, Willd.
Cichorium Intybus, L. CHICORY.
Tragopogon pratensis, L. E. Greenbush, Peck; Troy, Puissant.
Leontodon autumnalis, L.
Hieracium aurantiacum, L.
Canadense, L.
paniculatum, L.
venosum L.
scabrum, Mx.

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Gronovii, L.
Crepis aurantiaca, L. Sandlake, Peck. Rare.
Prenanthes alba, L.
serpentaria, Ph.
altissima, L.
Taraxacum officinale, Web. DANDELION.
Lactuca Canadensis, L.
integrifolia, Bigel.
hirsuta, Muhl.
acuminata, Gr.
leucophæa, Gr.
Sonchus oleraceus, L.
asper, Vill.
arvensis, L.

LOBELIACEÆ.

Lobelia cardinalis, L.
syphilitica, L.
spicata, Lam.
Kalmii, L.
inflata, L.
Dortmanna, L. Grafton ponds. Hack's pond, E. Poestenkill, Wibbe. Local.

CAMPANULACEÆ.

Specularia perfoliata, A. DC.
Campanula rapunculoides, L.
rotundifolia, L.
aparinoides, Ph.
Americana, L. Gard. sc.

ERICACEÆ.

Gaylussacia resinosa, T. & G. HUCKLEBERRY.
Vaccinium stamineum, L.
Pennsylvanicum, Lam. BLUEBERRY.
Canadense, Kalm. Sandlake, Peck. Rare.
vacillans, Sol.
corymbosum, L. HIGH BLUEBERRY.
var. **atrococcum,** Gr. Sandlake, Prof. Peck. Rare.
Oxycoccus, L. CRANBERRY.
macrocarpon, Ait.
Chiogenes serpyllifolia, Salisb.
Epigæa repens, L. TRAILING ARBUTUS.
Gaultheria procumbens, L. WINTERGREEN.
Andromeda polifolia, L.
ligustrina, Muhl.
Cassandra calyculata, Don.
Kalmia latifolia, L.

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angustifolia, L.
glauca, L.
Rhododendron viscosum, Torr. W. Nassau, J. H. Wibbe. Rare.
nudiflorum, Torr. PINXTER-BLOOM.
Ledum latifolium, Ait.
Clethra alnifolia, L.
Chimaphila umbellata, Nutt.
maculata, Ph.
Moneses grandiflora, Salisb.
Pyrola secunda, L.
chlorantha, Swartz.
elliptica, Nutt.
rotundifolia, L.
var. **asarifolia,** Hook.
var. **uliginosa,** Gr.
Pterospora Andromeda, Nutt.
Monotropa uniflora, L.
Hypopitys, L. Hoag's Corners, Wibbe; W. Sandlake, Howe. Infrequent.

PRIMULACEÆ.

Trientalis Americana, Ph.
Steironema ciliatum, Raf.
lanceolatum, Gr.?
Lysimachia quadrifolia, L.
stricta, Ait.
mummularia, L. Gard. sc.
thyrsiflora, L.
Samolus Valerandi, L.
var. **Americanus,** Gr.

OLEACEÆ,

Fraxinus Americana, L. ASH.
pubescens, Lam.
viridis, Mx. f.
sambucifolia, Lam.
Chionanthus Virginica, L. FRINGE-TREE. Cult.

APOCYNACEÆ.

Apocynum androsæmifolium, L.
cannabinum, L.

ASCLEPIADACEÆ.

Asclepias tuberosa, L.
purpurascens, L.
incarnata, L.
Cornuti, Dec.
obtusifolia, Mx.

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phytolaccoides, Ph.
quadrifolia, L.
verticillata, L.
Vincetoxicum nigrum, Moench. Gard. sc.

GENTIANACEÆ.

Gentiana crinita, Froel.
serrata, Gun.
quinqueflora, Lam.
Andrewsii, Griseb.
linearis, Frœl.
Bartonia tenella, Muhl.
Menyanthes trifoliata, L.
Limnanthemum lacunosum, Griseb. Sandlake, Peck, Wibbe. Rare.

POLEMONIACEÆ.

Phlox subulata, L.
maculata, L. Sandlake, Prof. Peck, Tonawalla meadows, J. H. Wibbe. Very rare.

HYDROPHYLLACEÆ.

Hydrophyllum Virginicum, L.
Canadense, L.
appendiculatum, Mx.

BORRAGINACEÆ.

Cynoglossum officinale, L.
Echinospermum Virginicum, Lehm.
Lappula, Lehm.
Myosotis palustris, With.
laxa, Lehm. Hoag's Corners, F. Ruff. Infrequent.
arvensis, Hff.
verna, Nutt.
Onosmodium Virginianum, DC.
Lithospermum arvense, L.
officinale, L.
canescens, Lehm.
Symphytum officinale, L.
Lycopsis arvensis, L.
Echium vulgare, L.

CONVOLVULACEÆ.

Ipomea purpurea, Lam.
Convolvulus spithameus, L.
sepium, L.
var. **Americanus,** Sims.
repens, Gr.

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arvensis, L.
Cuscuta Gronovii, Willd. DODDER.

SOLANACEÆ.

Solanum Dulcamara, L.
nigrum, L
Physalis pubescens, L.
Lycium vulgare, Dunal. MATRIMONY-VINE.
Nicandra physaloides, Gaert.
Hyoscyamus niger, L.
Datura Stramonium, L.
Tatula, L.

SCROPHULARIACEÆ.

Verbascum Thapsus, L. MULLEIN.
Blattaria, L.
Lychnitis, L.
Linaria Canadensis, Dumont.
Vulgaris, Mill.
Elatine, Mill
Minor? Desf. Prov. Sem. Gard., Troy. Puissant.
Antirrhinum Orontium, L.
Scrophularia nodosa, L., var. **Marilandica,** Gr.
Chelone glabra, L.
Pentstemon pubescens, Sol.
Mimulus ringens, L.
alatus, Ait Wright and Hall's Cat'l.
Gratiola Virginiana, L.
aurea, Muhl.
Ilysanthes riparia, Raf.
Veronica Virginica, L.
Anagallis, L.
Americana, Schw.
scutellata, L.
officinalis, L.
serpyllifolia, L.
peregrina, L.
arvensis, L.
Buxbaumii, Ten. Prov. Sem. Gard., Troy. Prof. Puissant. Rare and local.
Gerardia pedicularia, L.
flava, L.
quercifolia, Ph.
purpurea, L.
tenuifolia, Vahl.
Pedicularis Canadensis, L.
lanceolata, Mx. Brunswick, H.
Melampyrum Americanum, Mx.

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OROBANCHACEÆ.

Epiphegus Virginiana, Bart.
Conopholis Americana, Wall.
Aphyllon uniflorum, Gr.

LENTIBULARIACEÆ.

Utricularia gibba, L. W. Nassau Pond, J. H. Wibbe. Rare.
Vulgaris, L.
intermedia, Hayne. Sandlake, Peck. Rare.
cornuta, Mx.

BIGNONIACEÆ.

Tecoma radicans, Juss. Parks, etc.
Catalpa speciosa, Warder. Parks, etc.

ACANTHACEÆ.

Dianthera Americana, L.

VERBENACEÆ.

Verbena urticæfolia, L.
hastata, L.
bracteosa, Mx. W. Troy, Prof. Puissant. Extra-limital. Local.
Phryma Leptostachya, L.

LABIATÆ.

Trichostema dichotomum, L.
Isanthus cæruleus, Mx.
Teucrium Canadense, L.
Collinsonia Canadensis, L.
Mentha viridis, L.
piperita, L.
sativa, L. Nassau, Peck. Scarce.
arvensis, L.
Canadensis, L.
var. **glabrata,** Benth.
Lycopus Virginicus, L.
sinuatus, Ell.
Hyssopus officinalis, L.
Pycnanthemum lanceolatum, Ph.
incanum, Mx.
muticum, Pers. Poestenkill, Howe.
Origanum vulgare, L.
Thymus Serpyllum, L.
Satureia hortensis, L. SUMMER SAVORY.
Calamintha Clinopodium, Benth.
Melissa officinalis, L. Gard. sc.
Hedeoma pulegioides, Pers. PENNYROYAL.
Monarda didyma, L.

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fistulosa, L.
punctata, L.
Lophanthus nepetoides, Benth. R. R., near Oakwood, Prof. Puissant. Infrequent.
Scrophulariæfolius, Benth. Lansingburgh, H. Infrequent.
Nepeta Cataria, L. CATMINT.
Glechoma, Benth.
Scutellaria lateriflora, L.
galericulata, L.
nervosa, Ph. Green Island, Puissant. Rare. Extra-limital.
Brunella vulgaris, L.
Marrubium vulgare, L. HOREHOUND.
Leonurus Cardiaca, L. MOTHERWORT.
Lamium amplexicaule, L.
Galeopsis Tetrahit, L.
Stachys palustris, L.
aspera, Mx.

PLANTAGINACEÆ.

Plantago cordata, Lam.
major, L.
Rugellii, Dec.
lanceolata, L.

ILLECEBRACEÆ.

Anychia dichotoma, Mx.
capillacea, DC.
Scleranthus annuus, L.

AMARANTACEÆ.

Amarantus hypochondriacus, L.
paniculatus, L.
retroflexus, L.
chlorostachys, Willd.
albus, L.
blitoides, Wats.
spinosus, L.
Acnida cannabina, L. Banks of Hudson river.

CHENOPODIACEÆ.

Chenopodium album, L. PIGWEED.
urbicum, L.
murale, L. Shore and docks, Lansingburgh, H. & G. Very rare.
hybridum, L,
glaucum, L.
capitatum, Wats.
Botrys, L.
ambrosioides, L.

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Atriplex patulum, L. People's ave., etc., Troy. Howe.

PHYTOLACCACEÆ.

Phytolacca decandra, L. POKEWEED.

POLYGONACEÆ.

Rumex Patientia, L.
Brittanica, L.
altissimus, Wood. River shore, Lansingburgh, H. & G. Very rare.
verticillatus, L.
crispus, L.
obtusifolius, L.
Acetosella, L. FIELD-SORREL.
Polygonum aviculare, L.
erectum, L.
tenue, Mx. Lansingburgh (Howe) to Pittstown, and elsewhere. Scarce.
Pennsylvanicum, L.
incarnatum, Ell.
amphibium, L.
Muhlenbergii, Wats.
Persicaria, L.
hydropiperoides, Mx.
acre, H. B. K.
Hydropiper, L. SMART-WEED.
Orientale, L. PRINCE'S FEATHER.
Virginianum, L.
arifolium, L.
sagittatum, L.
Convolvulus, L.
cilinode, Mx.
dumetorum. L.
var. **scandens,** Gr.
Polygonella articulata, Meisn. (?) Probably in this county.
Fagopyrum esculentum, Moench. BUCKWHEAT,
Tartaricum, Gaert. INDIA-WHEAT.

ARISTOLOCHIACEÆ.

Asarum Canadense, L. GINGER-ROOT.
Aristolochia Serpentaria, L. VIRGINIA SNAKEROOT.
clematitis, L. Field opp. Lansing's Grove, Lansingburgh, Dr. Gordinier. Local.

PIPERACEÆ.

Saururus cernuus, L. LIZARD'S-TAIL.

LAURACEÆ.

Sassafras officinalis, Nees,
Lindera Benzoin, Blume. SPICE-BUSH.

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THYMELECEÆ.

Dirca palustris, L.
Daphne Mezereum, L. Parks, etc.

ELÆAGNACEÆ.

Elæagnus argentea, Ph. Parks and gardens.

LORANTHACEA.

Arceuthobium pusillum, Peck. Parasitic on branchlets of black spruce, Sandlake, Prof. Peck. Rare.

SANTALACEÆ.

Comandra umbellata, Nutt.

EUPHORBIACEÆ.

Euphorbia maculata, L.
Preslii, Guss.
Cyparissias, L.
Pepulus, L.
Lathyris, L. Gard. sc.
Acalypha Virginica, L.
Ricinus communis, L. CASTOR-OIL BEAN.

URTICACEÆ.

Ulmus fulva, Mx. SLIPPERY ELM.
Americana, L.
racemosa, Thomas.? CORK ELM.
Cannabis sativa, L.
Humulus Lupulus, L. HOP-VINE
Morus rubra, L. MULBERRY.
alba, L.
Urtica dioica, L. NETTLE
urens, L.
gracilis, Ait.
Laportea Canadensis, Gaud.
Pilea pumila, Gr.
Bœhmeria cylindrica, Willd.

PLATANACEÆ.

Platanus occidentalis, L. SYCAMORE, BUTTONWOOD.

JUGLANDACEÆ.

Juglans cinerea, L. BUTTERNUT.
nigra, L.
Carya alba, Nutt. HICKORY.
porcina, Nutt.
amara, Nutt.

MYRICACEÆ.

Myrica Gale, L. Mt. Ponds, Wibbe.

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asplenifolia, Endl. SWEET-FERN.

CUPULIFERÆ.

Betula lenta, L. BIRCH.
lutea, Mx. f.
populifolia, Ait.
papyrifera, Marsh.
nigra, L.
Alnus incana, Willd.
serrulata, Willd.
Corylus Americanus, Walt. HAZELNUT.
rostrata, Ait.
Ostrya Virginica, Willd.
Carpinus Caroliniana, Walt.
Quercus alba, L. WHITE-OAK.
bicolor, Willd.
Prinus, L.
var. **acuminata,** Mx. Pittstown, Brunswick, Dr. Gordinier. Scarce.
prinoides, Willd.
rubra, L.
coccinea, Wang.
var. **tinctoria,** Gr.
palustris, Du Roi.
ilicifolia, Wang.
Castanea sativa, Mill., var. **Americana,** W. & C. CHESTNUT.
Fagus ferruginea, Ait. BEECH.

SALICACEÆ.

Salix nigra, Marsh. WILLOW.
var. **falcata,** Torr.
lucida, Muhl.
fragilis, L.
alba, L.
var. **cærulea,** Koch.
var. **vitellina,** Wats.
Babylonica, Tourn. WEEPING W.
longifolia, Muhl.
rostrata, Rich.
discolor, Muhl.
humilis, Marsh.
tristis, Ait.
sericea, Marsh.
petiolaris, Smith.
candida, Willd.
viminalis, L. BASKET W.
purpurea, L.
cordata, Muhl.

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These are common hybrids: **lucida** x **fragilis**; **cordata** x **sericea**; **cordata** x **petiolaris**; **alba** x **lucida**; **alba** x **fragilis**.

Populus alba, L.
tremuloides, Mx. ASPEN.
grandidentata, Mx.
balsamifera, L.
monilifera, Ait. NORTHERN COTTONWOOD.

CERATOPHYLLACEÆ.

Ceratophyllum demersum, L.
var. **echinatum,** Gr.

CONIFERÆ.

Pinus strobus, L. PINE.
rigida, Mill. PITCH P.
resinosa, Ait.
Picea nigra, Link. BLACK SPRUCE.

Tsuga Canadensis, Carr. HEMLOCK.
Abies balsamea, Mill.
Larix Americana, Mx. TAMARACK.
Thuya occidentalis, L. ARBOR-VITÆ.
Juniperus communis, L. CEDAR.
Sabina, L., var. **procumbens,** Ph.
Virginiana, L.
Taxus Canadensis, Willd.

HYDROCHARIDACEÆ.

Elodea Canadensis, Mx.
Valisneria spiralis, L. EEL-GRASS.

ORCHIDACEÆ.

Microstylis ophioglossoides, Nutt. E. Poestenkill, Wibbe. Infrequent.
monophyllos, Lindl. Moul's Lake, Dr. Gordinier. Rare.
Liparis liliifolia, Rich. Oakwood, Howe, 1863; Prof. Puissant; Hoag's corners, Wibbe. Infrequent.
Lœselii, Rich. Lansingburgh, Howe, 1863; Moul's Lake, Dr. Gordinier. Rare.
Corallorhiza innata, R. Br.
odontorrhiza, Nutt. W. Nassau, E. Poestenkill, J. H. Wibbe. Infrequent.
multiflora, Nutt.
Listera cordata, R. Br. Sphagnous swamp, Poestenkill, E. C. H. and elsewhere. Not common.
Spiranthes cernua, Rich.
gracilis, Bigel.
præcox, Wats. Oakwood, J. H. Wibbe. Very rare.

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latifolia, Torr. Sphagnous swamp, Dr. Gordinier. Rare.
Goodyera repens, R. Br.
pubescens, R. Br,
Arethusa bulbosa, L.
Calopogon pulchellus, R. Br.
Pogonia ophioglossoides, Nutt.
Orchis spectabilis.
Habenaria tridentata, Hook.
virescens, Spreng.
bracteata, R. Br. Schodack, Wibbe. Infrequent.
hyperborea, R. Br. Sandlake, Howe. Infrequent.
dilatata, Gr.
obtusata, Rich. Woods near Cranberry marsh, Sandlake, Peck; Gordinier. Very rare.
orbiculata, Torr. Same station. Rare.
Hookeri, Torr.
blephariglottis, Torr. Cranberry marsh, Sandlake, Gordinier, Peck; Hoag's Corners, Wibbe. Rare.
lacera, R. Br.
psycodes, Gr.
fimbriata, R. Br. Sandlake, Peck. Rare.
Cypripedium spectabile, Salisb. Cold swamp, Poestenkill, Howe. Local
parviflorum, Salisb.
pubescens, Willd.
acaule, Ait.

IRIDACEÆ.

Iris versicolor, L. BLUE-FLAG.
Sisyrinchium angustifolium, Mill.
anceps, Cav.

AMARYLLIDACEÆ.

Hypoxis erecta, L.

LILIACEÆ.

Smilax herbacea, L.
hispida, Muhl.
rotundifolia, L. Oakwood, A. R. Smith. Local.
Allium tricoccum, Ait. W. Nassau, Wibbe Wynantskill, Gordinier. Infrequent.
Canadense, Kalm.
vineale, L.
Ornithogalum umbellatum, L. Gard. sc.
Hemerocallis fulva, L.
Convallaria majalis, L. LILY-OF-THE-VALLEY. Gardens.
Polygonatum biflorum, Ell. SOLOMON'S SEAL.
giganteum, Dietr.

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Asparagus officinalis, L.
Smilacina racemosa, Desf.
stellata, Desf.
trifolia, Desf.
Maianthemum Canadense, Desf.
Streptopus amplexifolius, DC.
roseus. Mx.
Clintonia borealis, Raf.
Uvularia perfoliata, L.
Oakesia sessilifolia, Wats.
Erythronium Americanum, Ker.
Lilium Philadelphicum, L.
superbum, L.
Canadense, L.
tigrinum, Ker.
Medeola Americana, L.
Trillium erectum, L.
grandiflorum, Salisb. Oakwood, Howe, 1863. Rare.
cernuum, L. W. Nassau, Wibbe. Rare.
erythrocarpum, Mx.
Veratrum viride, Ait.
Chamælirium Carolinianum, Willd. N. Nassau, Wibbe. Very rare.

PONTEDERIACEÆ.

Pontederia cordata, L.
var. **angustifolia,** Torr. Hack's Pond, E. Poestenkill, Wibbe. Rare.
Heteranthera graminea, Vahl.

XYRIDACEÆ.

Xyris flexuosa, Muhl., var. **pusilla,** Gr. Sandlake, Peck, Cranberry marsh, Wibbe. Rare.

COMMELINACEÆ.

Tradescantia Virginica, L. SPIDER-WORT. Gard. sc.

JUNCACEÆ.

Juncus effusus, L.
marginatus, Rostk. Poestenkill, Howe, Center Island, Gordinier. Infrequent.
tenuis, Willd.
bufonius, L.
articulatus, L.
acuminatus, Mx.
var. **debilis,** Eng.
nodosus, L.
Canadensis, Gay.

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var. **coarctatus,** Eng.
Luzula vernalis, DC.
campestris, DC.

TYPHACEÆ.

Typha latifolia, L.
angustifolia, L.
Sparganium eurycarpum, Eng.
simplex, Huds.
var. **androcladum,** Eng.
var. **angustifolium,** Eng.
var. **fluitans,** Eng. Sandlake, Peck; Hoag's Corners, Wibbe. Infrequent.

ARACEÆ.

Arisæma triphyllum, Torr. WILD-TURNIP.
Dracontium, Schott.
Peltandra undulata, Raf.
Calla palustris, L.
Symplocarpus fœtidus, Salisb. SKUNK'S-CABBAGE.
Orontium aquaticum, L.
Acorus calamus, L. SWEET-FLAG.

LEMNACEÆ.

Spirodela polyrrhiza, Schl.
Lemna minor, L.
perpusilla, Torr. Nassau Creek, Wibbe. Local.

ALISMACEÆ.

Alisma Plantago, L.
Sagittaria variabilis, Eng.
var. **obtusa,** Eng.
var. **diversifolia,** Eng.
var. **angustifolia,** Eng.
var. **hastata,** Eng.
var. **gracilis,** Eng. Grafton Ponds, Gordinier. Infrequent.
heterophylla, Ph.
var. **elliptica,** Eng.
var. **rigida,** Eng.
var. **angustifolia,** Eng.
graminea, Mx.

NAIADACEÆ.

Triglochin palustris, L. Sandlake, Stephentown, Wibbe. Very rare.
Potamogeton natans, L.
Oakesiana, Rob. Sandlake, Peck. Rare.
Pennsylvanicus, Cham. Poestenkill, Dr. Gordinier; Hoag's Corners, Wibbe. Infrequent.

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Spirillus, Tuckm. Sandlake, Prof. Peck. Rare.
hybridus, Mx. Nassau, Wibbe. Infrequent.
amplifolius, Tuckm.
heterophyllus, Schreb.
lucens, L. Hud. river, Gordinier. Infrequent.
perfoliatus, L.
var. **lanceolatus,** Rob.
pauciflorus, Ph.
pusillus, L. Hud. river, H. C. G.
pectinatus, L.
mucronatus, Schrad. Infrequent.
Scheuchzeria palustris, L. Mud lake, Hoag's Corners, Wibbe.
Zannichellia palustris, L. Hud. river, H. C. G.; Nassau, Wibbe.
Naias flexilis, Rostk. & Schm.

ERIOCAULEÆ.

Eriocaulon septangulare, Wit. Nassau, Wibbe; Sandlake, Peck. Rare.

CYPERACEÆ.

Cyperus diandrus, Torr.
var. **castaneus,** Torr.
aristatus, Rottb. & Sw.
filiculmis, Vahl.
Grayii, Torr. Poestenkill, Howe. Rare.
esculentus, L.
strigosus, L.
speciosus, Vahl.
Dulichium spathaceum, Pers.
Eleocharis ovata, R. Br.
olivacea, Torr. Sandlake, Wibbe. Rare.
palustris, R. Br.
intermedia, Schl.
tenuis, Schl.
acicularis, R. Br.
Fimbristilis autumnalis, R. & S.
capillaris, Gr.
Scirpus planifolius, Muhl.
pungens, Vahl.
lacustris, L.
debilis, Ph. Lansingburgh, Howe. Very rare.
fluviatilis, Gr.
atrovirens, Muhl.
sylvaticus, L. Peck, in Gr. Man.
polyphyllus, Vahl.
Eriophorum lineatum, Benth. & Hook.
cyperinum, L.
vaginatum, L.

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Virginicum, L.
polystachyon, L.
gracile, Koch. Bowman's Pond, Wibbe. Rare.
Hemicarpha subsquarrosa, Nees. Lansingburgh, Dr. Howe; Center Island, Troy, Wibbe. Rare.
Rhyncospora alba, Vahl.
glomerata, Vahl.
Cladium mariscoides, Torr.
Scleria triglomerata, Mx. Wright and Hall's Cat'l.
Carex pauciflora, Lightf. Sandlake, Prof. Peck. Very rare.
polytrichoides, Muhl.
bromoides, Schk.
siccata, Dew.
teretiuscula, Gd.
vulpinoidea, Mx.
stipata, Muhl.
alopecoidea, Tuckm.
sparganioides, Muhl.
cephaloidea, Dew.
cephalophora, Muhl.
Muhlenbergii, Schk.
tenella, Schk. Stephentown, Wibbe.
rosea, Schk.
retroflexa, Muhl.
trisperma, Dew.
canescens, L.
var. **vitilis,** Carey.
Deweyana, Schw.
sterilis, Willd.
scirpoides, Schk.
stellulata, L.
var. **angustata,**
rosæoides, Howe. Lansing's Grove. Infrequent. Spikes scattered, lowest remote, fruit small, smooth.
scoparia, Schk.
lagopodioides, Schk.
var. **moniliformis,** Olney.
var. **Bebbii,** Lansingburgh, Dr. Howe. Rare.
cristata, Schw.
mirabilis, Dew.
straminea, Schk.
var. **tenera,** Boott.
var. **festucacea,** Boott.
torta, Boott.
stricta, Lam.
var. **strictior,** Carey.
crinita, Lam.

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gynandra, Schw. Swamp, E. Burdett's ave., Troy, Howe. Rare.
Buxbaumii, Wahl.
aurea, Nutt. Sandlake, Peck. Rare.
limosa, L. Moul's Lake, Dr. Gordinier. Rare.
tetanica, Schk.
Magellanica, Lam.
granularis, Muhl.
var. **recta,** Dew.
pallescens, L.
conoidea, Schk.
grisea, Wahl.
formosa, Dew. Lansingburgh, Howe. Local.
gracillima, Schw.
virescens, Muhl.
var. **costata,** Dew.
triceps, Mx.
plantaginea, Lam.
platyphylla, Carey.
retrocurva, Dew.
digitalis, Willd.
laxiflora, Lam.
var. **intermedia,** Boott.
var. **plantaginea,** Btt.
var. **blanda,** Btt.
pedunculata, Muhl.
umbellata, Schk.
Emmonsii, Dew.
Pennsylvanica, Lam.
varia, Muhl.
pubescens, Muhl.
miliacea, Muhl
scabrata, Schw.
arctata, Btt.
debilis, Mx.
flava, L.
Œderii, Ehrh.
filiformis, L.
var. **latifolia,** Boeck.
riparia, Curt.
trichocarpa, Muhl.
comosa, Btt.
hystricina, Willd.
tentaculata, Muhl.
var. **altior,** Btt.
intumescens, Rudge.
Grayii, Carey., var. near Schodack L. Howe.

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lupulina, Muhl.
lupuliformis, Sartw.
folliculata, L.
squarrosa, L.
retrorsa, Schw.
utriculata, Btt.
monile, Tuckm.
Tuckermanii, Dew. Poestenkill, Howe; Bald Mt., Peck. Infrequent.

GRAMINEÆ.

Spartina cynosuroides, Willd.
Panicum filiforme, L.
glabrum, Gaud.
sanguinale, L.
capillare, L.
agrostoides, Muhl.
virgatum, L.
xanthophysum, Gr. Sandlake, Peck. Local.
latifolium, L.
clandestinum, L,
scoparium, Lam. Lansing's Grove, Howe. Local
nervosum, Muhl., var. **gracillimum,** Lansing's Grove, Howe. Very rare. ✓
nitidum, Mx.
microcarpon, Muhl., var. **sphærocarpon,** Vasey. Rare. ✓
depauperatum, Muhl.
dichotomum, L.
var. **lanuginosum,** Wood.
var. **barbulatum,** Vasey.
var. **pubescens,** Vasey.
var. **laxiculme,** Howe and Gordinier. Very lax; fls. of the light green pyramidal panicles appearing at the same time; lvs. tapering both ways; very hairy. Lansing's Grove, June 1st, Howe. Rare.
laxiflorum, Lam.
Milliaceum, L.
Crus-Galli, L.
Setaria verticillata, Beauv. Fitchb. R. R., Lansingburgh, Dr. Howe. Very rare.
viridis, Beauv.
var. **purpurascens,** Peck.
glauca, Beauv.
Italica, Kunth.
Cenchrus tribuloides, L.
Leersia Virginica, Willd.

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oryzoides, Swz.
Zizania aquatica, L.
Andropogon furcatus, Muhl.
scoparius, Mx.
Virginicus, L.
Chrysopogon nutans, Benth.
Phalaris Canariensis, L.
arundinacea, L.
var. **picta,** L. RIBBON-GRASS.
Anthoxanthum odoratum, L.
Aristida dichotoma, Mx.
Oryzopsis melanocarpa, Muhl.
asperifolia, Mx.
Canadensis, Torr.
Muhlenbergia sobolifera, Trin. Abundant in Oakwood and Lansing's Grove.
glomerata, Trin.
Mexicana, Trin.
var. **filiformis,** Vasey.
sylvatica, Torr. & Gr.
Willdenovii, Trin.
diffusa, Schreb.
Brachyelytrum aristatum, Beauv.
Phleum pratense, L. TIMOTHY.
Alopecurus pratensis, L.
geniculatus, L.
var. **aristulatus,** Torr.
Sporobolus vaginæflorus, Vasey.
Agrostis vulgaris, With. RED-TOP.
var. **minor?** Vasey. Lansingburgh, Angie H. Simons. Local.
var. **alba,** Vasey.
perennans, Tuckm.
scabra, Willd.
Cinna arundinacea, L.
Apera spica-venti, Beauv. Lansingburgh, Dr. Howe, Entirely local.
Calamagrostis Canadensis, Beauv.
Arrhenatherum avenaceum, Beauv.
Holcus lanatus, L.
Deschampsia flexuosa, Trin.
cæspitosa, Beauv. Brunswick, Dr. Gordinier. Infrequent.
Trisetum subspicatum, var. **molle,** Gr. Dr. Gordinier. Very rare.
Avena sativa, L. OAT.
var. **secunda,** MANE-OATS.
Danthonia spicata, Beauv.
compressa, Aust. Poestenkill, Howe. Very rare.

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Bouteloua racemosa, Lag. Near Lansing's Gr., Howe. Rare.
Elusine Indica, Gaert.
Eatonia Pennsylvanica, Gr.
Dudleyi, Vasey. Lansing's Gr. Rare.
Eragrostis reptans, Nees.
major, Host.
pilosa, Beauv.
Frankii, Meyer. Center Island and Lansingburgh, Howe. Rare.
Purshii, Shrad.
capillaris, Nees.
Dactylis glomerata, L.
Poa annua, L.
compressa, L.
serotina, Ehrh.
pratensis, L. BLUE-GRASS.
trivialis, L.
debilis, Torr.
Glyceria Canadensis, Trin.
elongata, Trin. Brunswick, Dr. Gordinier. Rare.
nervata, Trin.
pallida, Trin.
grandis, Wats.
fluitans, R. Br.
var. **minor,** Vasey. Lansingburgh, R. B. Howe. Rare. ?
acutiflora, Torr.
Festuca tenella, Willd.
nutans, Willd.
elatior, L.
var. **pratensis,** Huds.
ovina, L.
Bromus arvensis, L. Hollow-road, Troy, Dr. Gordinier. Very rare.
Kalmii, Gr.
secalinus, L.
ciliatus, L.
tectorum, L. Greenbush, G. W. Clinton.
Agropyrum repens, Beauv. QUACK-GRASS.
caninum, R. & S.
Triticum vulgare, L. WHEAT.
Elymus Virginicus, L.
Canadensis, L.
var. **glaucifolius,** Gr.
var. **intermedius,** Vasey. Troy and Lansingburgh, E. C. Howe. Scarce.
striatus, Willd. Infrequent.
Asprella Hystrix, Willd.

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EQUISETACEÆ.

Equisetum arvense, L.
sylvaticum, L.
limosum, L.
hyemale, L. SCOURING-RUSH.
variegatum, Schl.
scirpoides, Mx.

FILICES.

Polypodium vulgare, L. ROCK-POLYPOD.
Adiantum pedatum, L.
Pteris aquilina, L.
Pellæa atropurpurea, Lk.
Woodwardia Virginica, Smith. Gary's swamp, (middle reservoir) Howe, 1862. Rare.
Asplenium Trichomanes, L
ebeneum, Ait.
var. **incisum,** Howe. Regents' 22d An. Rep.—Poestenkill, E. C. H. Rare.
thelypteroides, Mx.
Filix-fœmina, Bernh.
Camptosorus, rhizophyllus, Lk.
Phegopteris polypodioides, Fee.
hexagonoptera, Fee.
Dryopteris, Fee.
Aspidium Thelypteris, Swz.
Novæboracense, Swz.
spinulosum, Swz.
var. **intermedium,** Eaton.
cristatum, Swz.
marginale, Swz.
acrostichoides, Swz.
var. **incisum,** Eaton.
Cystopteris bulbifera, Bernh.
fragilis, Bernh.
Onoclea sensibilis, L.
forma obtusifolia. Sandlake, Howe.
Struthiopteris, Hoffm.
Woodsia Ilvensis, R. Br.
obtusa, Torr.
Dicksonia pilosiuscula, Willd.
Osmunda regalis, L.
Claytoniana, L.
cinnamomea, L.

OPHIOGLOSSACEÆ.

Botrychium simplex, Hitch. Petersburg, Dr. Gordinier. Very rare.

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lanceolatum, Angst. Petersburg, Prof. Peck. Rare.
matricariæfolium, A. Br. Petersburg, Peck. Rare.
ternatum, Swz.
var. **obliquum,** Eaton.
var. **dissectum,** Eaton.
Virginicum, Swz.

LYCOPODIACEÆ.

Lycopodium lucidulum, Mx.
inundatum, L. CRANBERRY-MARSH, Prof. Peck. Rare.
annotinum, L. E. Poestenkill, Wibbe. Rare.
obscurum, L.
clavatum, L.
complanatum, L.

SELAGINELLACEÆ.

Selaginella rupestris, Spring.
apus, Spring.
Isoetes echinospora, Dur., var. **Braunii,** Eng. Poestenkill, Dr. Howe, 1868. Infrequent.

CORRECTIONS.

Page 10. To **Negundo aceroides,** add Brunswick, Dr. Gordinier.
Page 33. For **Carex scirpoides,** Schk., read **C. interior,** Bailey.
" " " **stellulata,** L., read **C. sterilis,** Willd.
" " " **rosæoides,** read **C. scorsa,** Howe.

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